

REMARKS

This Amendment is being filed to continue prosecution of Claims cancelled without prejudice in a priority application and in conjunction with the Notice of Allowance dated August 25, 2003. Reconsideration and allowance of the application in view of the amendments made above and the remarks to follow are respectfully requested.

Claims 1-6 are cancelled by this amendment, without prejudice. Claims 7-15 are added and correspond to originally filed Claims 1-6, but which have been amended to be in U.S. format. The specification is amended herein to correct typographic errors noted upon review of the application and also previously corrected in the priority patent application. Entrance of these amendments to the specification is respectfully requested.

Claims 1-6 were rejected under 35 U.S.C. §103(a) in the priority patent application as unpatentable over U.S. Patent No. 5,969,680 to Tsuru ("Tsuru").

As previously discussed, Tsuru shows a surface mounted antenna 13 mounted onto a wiring substrate 15 (see, FIG. 4, and the accompanying description contained in Col. 2, lines 1-37). The wiring substrate has a ground plane 17a affixed to ground electrodes 2 that are in turn affixed to a dielectric substrate 1. The antenna 13 has a resonance track 5 affixed to a first supply lead 16. It is the resonance track 5 that acts for transmitting and receiving radio waves (see, col. 2, lines 43-47). In Tsuru, it

is the length of the track that controls the resonance frequency of the emitted signal. Harmonics naturally occur, but there is no teaching of configuring the track structure to create harmonics.

In sharp contrast thereto, Tsuru does not disclose or suggest (emphasis provided) "the antenna comprising a first supply lead configured to connect one end of a first resonant track structure of the antenna to a ground potential and a second supply lead configured to couple an electromagnetic wave to be emitted into the antenna, which first track structure has a plurality of conductor sections, while the length of the conductor track structure is dimensioned so as to excite a desired first resonant frequency, and the paths of the conductor sections and the spacings between the conductor sections are configured to excite a first harmonic of the first resonant frequency" as required by Claim 7.

Claims 8-15 are allowable based on dependence on Claim 7 as well as the separately patentable elements contained in each of the respective claims. For example, neither does Tsuru disclose or suggest "a second resonant track structure, one end of which is connected to the second supply lead and the length of which is configured dimensionally to excite at least one of a desired second resonant frequency and a harmonic of the second resonant frequency" as required by Claim 8. In fact, Tsuru is silent about creating a second resonant frequency. Further, neither does Tsuru disclose or suggest "wherein the spacing between the first and second track structures is configured such that the resonant frequencies of the

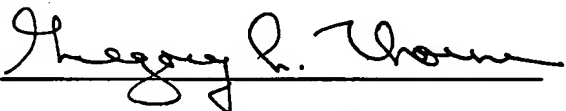
antenna are excited by a combined capacitive and resonant coupling
of the electromagnetic wave to be emitted" as required by Claim 9.
In addition, neither does Tsuru disclose or suggest "wherein the
first track structure has conductor sections of different widths"
as required by Claim 10 or "wherein at least one of the first and
second track structure has conductor sections of different widths"
as required by Claim 11. Again, Tsuru does not teach conductor
sections of varying widths.

Accordingly, it is respectfully submitted that Claims 7-15 are
allowable over Tsuru and an indication to that effect is
respectfully requested.

The Applicant has made a sincere effort to place this
application in suitable condition for allowance.

Early and favorable action is earnestly solicited.

Respectfully submitted,

By 

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